

**Amendments to the Specification:**

Please replace the paragraph beginning on page 24, line 11, with the following rewritten paragraph:

The normal-mode signal inhibition circuit 222 includes a capacitor C12 provided between the power lines 21A and 21B between the detection-inversion circuit 224 and the terminals X1A, X1B; and a capacitor C13 provided between the power lines 21A and 21B between the inductance element 226 and the terminals ~~X1A X2A, X1B X2B~~. The capacitors C12, C13 act as a p-type normal-mode filter that inhibits the normal mode signal in cooperation with leakage inductance of the windings L10A, L10B, L11A and L11B of the inductance elements 225, 226. Here, the capacitors C12, C13 are typically called X capacitor, and correspond to a specific example of the “third and fourth capacitors” in the invention.

Please replace the paragraph beginning on page 27, line 25, with the following rewritten paragraph:

The high-pass filter 250 is for transmitting a signal that is a high-frequency component transmitted over the power lines 21A, 21B and cutting off power voltage that is a low-frequency component, and includes capacitors C31, C32 inserted into the power lines 21A, 21B respectively, as shown in Fig.-6\_5. The line transforming circuit 257 is for transforming a balanced line including the power lines 21A, 21B into an unbalanced line, and is configured to include a winding L14A that is connected to the power lines 21A, 21B at both ends respectively and grounded at the midpoint, a winding L14B that is grounded at one end and connected to the signal output terminal T3 at the other end, and a core L14C.